

FIG. 1

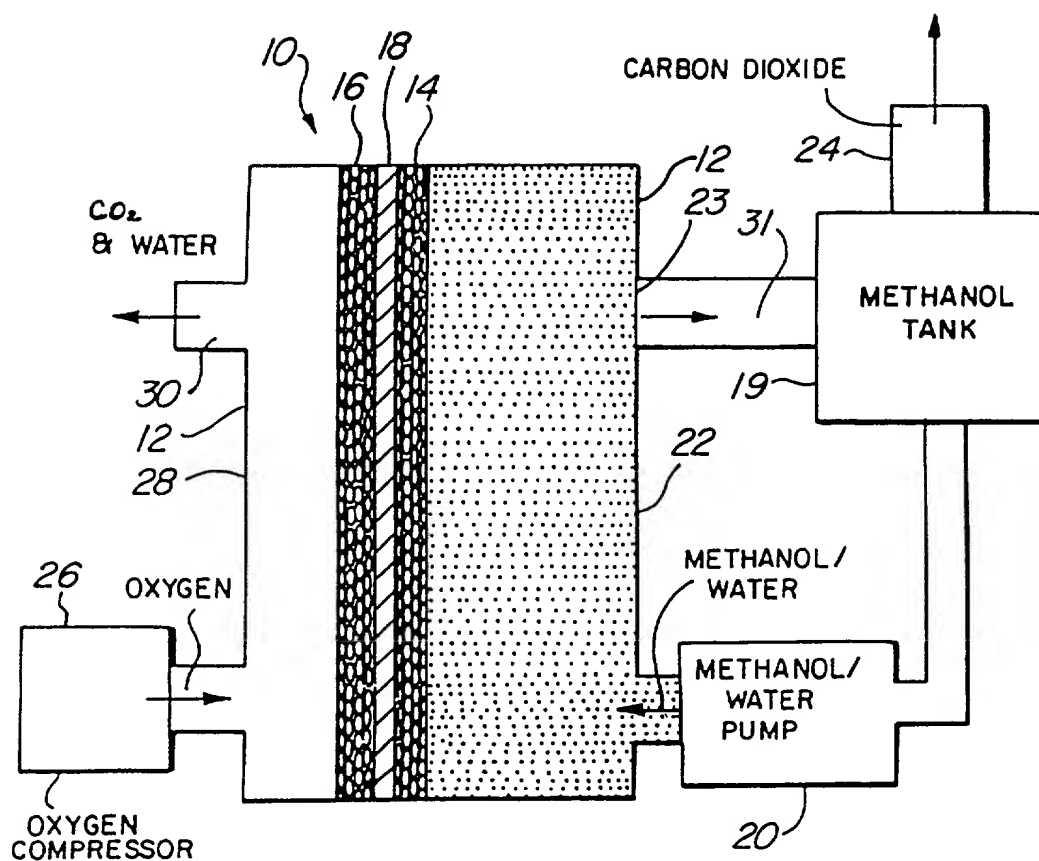
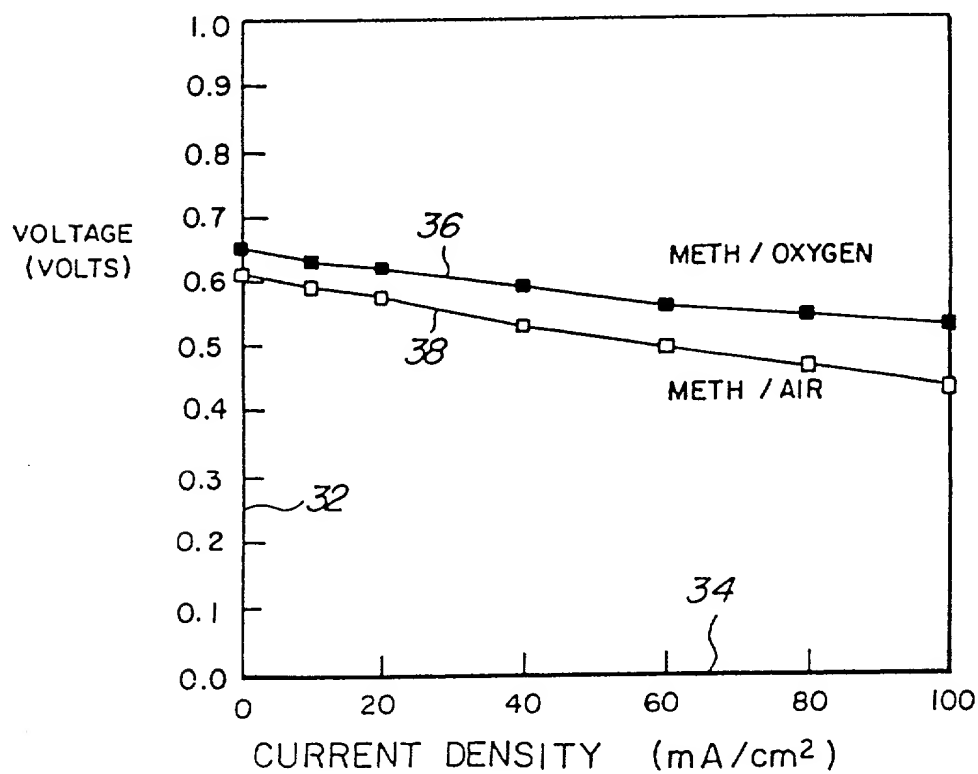


FIG. 4



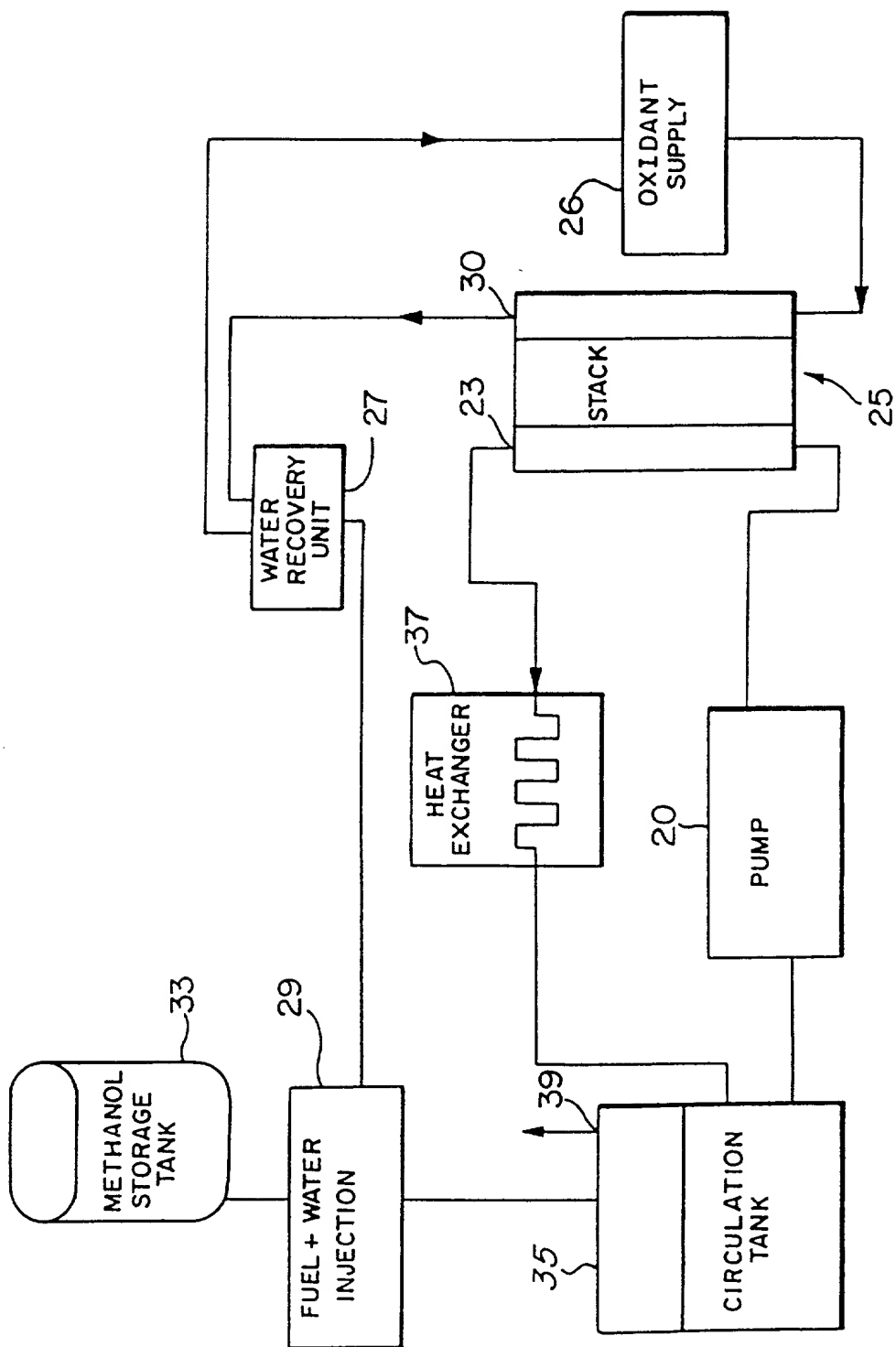


FIG. 2

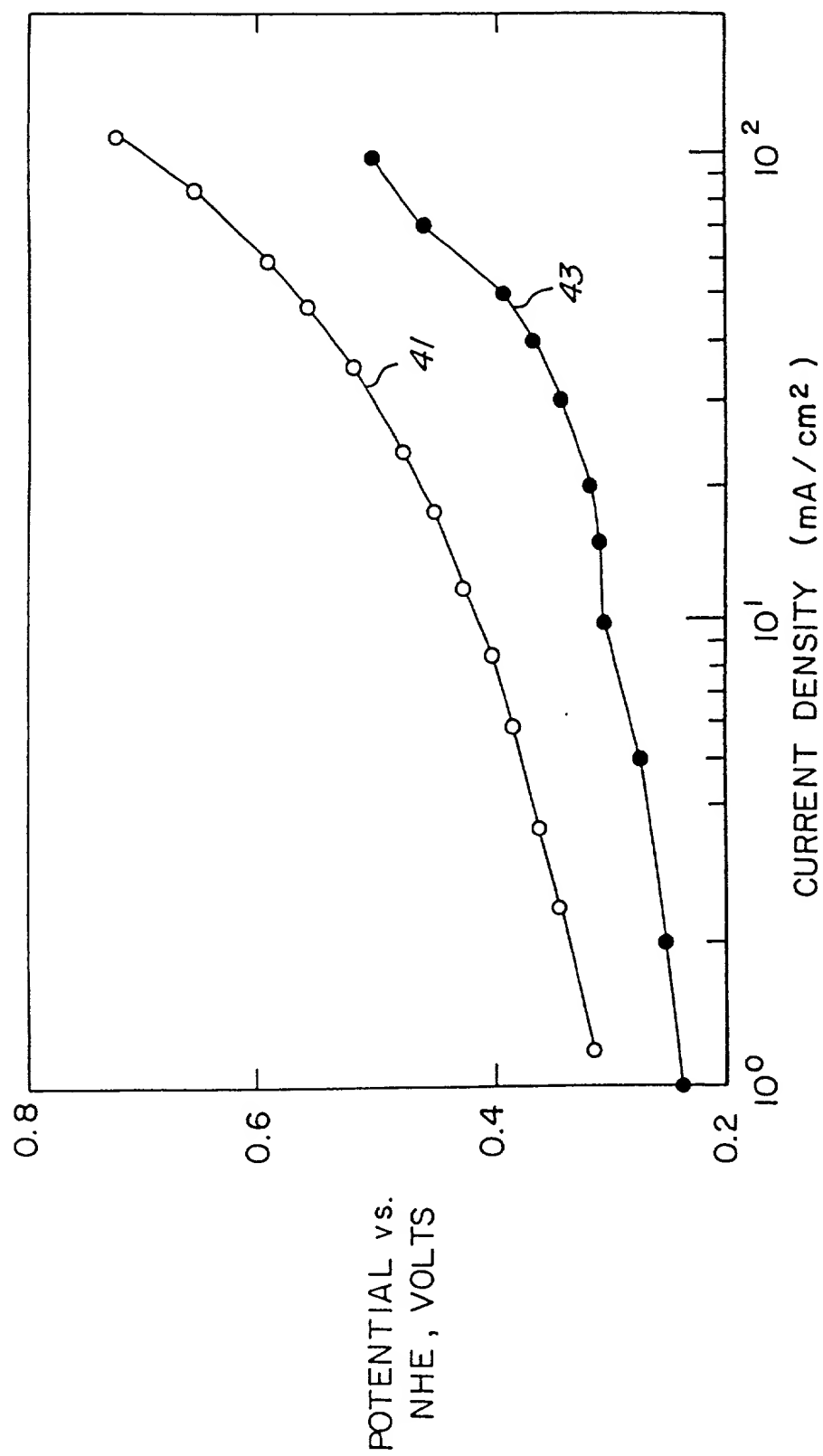


FIG. 3

FIG. 5

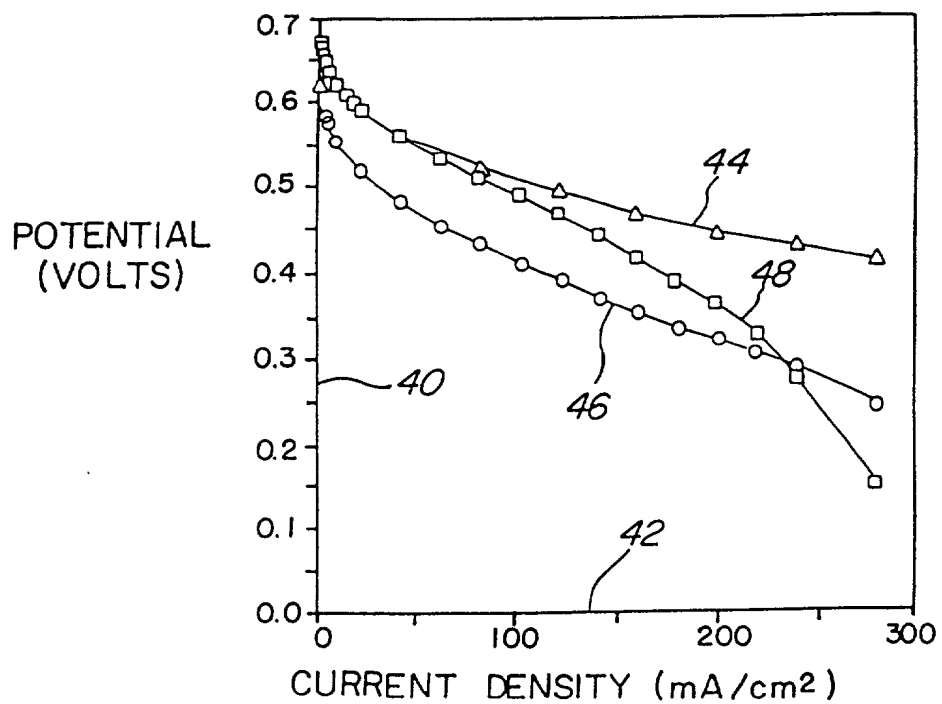
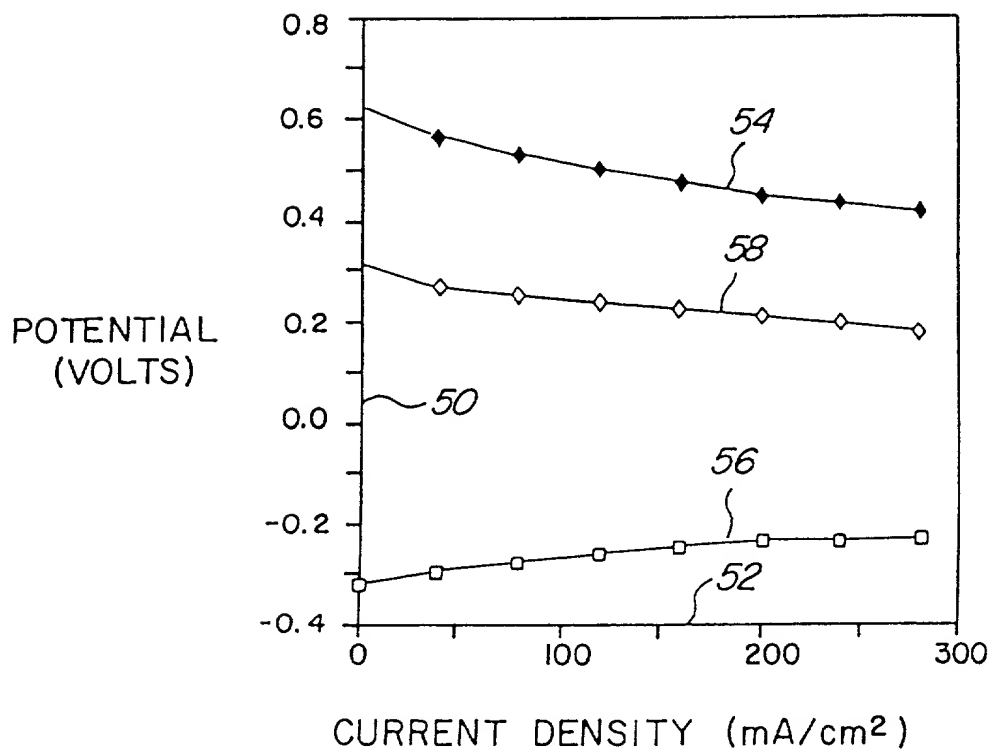


FIG. 6



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IMMERSE THE CARBON ELECTRODE STRUCTURE IN 1% SOLUTION OF NAFION IN METHANOL FOR ABOUT 5 MINUTES TO ACHIEVE IMPREGNATION OF THE NAFION INTO THE ELECTRODE TO A LOADING OF 0.1 – 0.5 mg / cm<sup>2</sup>.

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REMOVE ELECTRODE FROM SOLUTION AND DRY IN VACUUM.

FIG. 7

FIG. 11

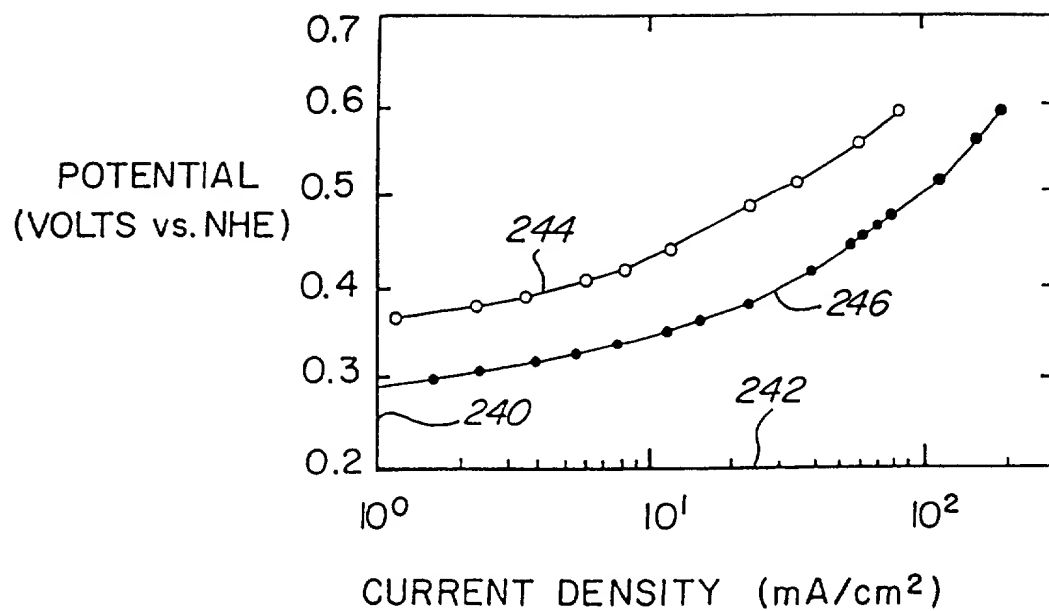
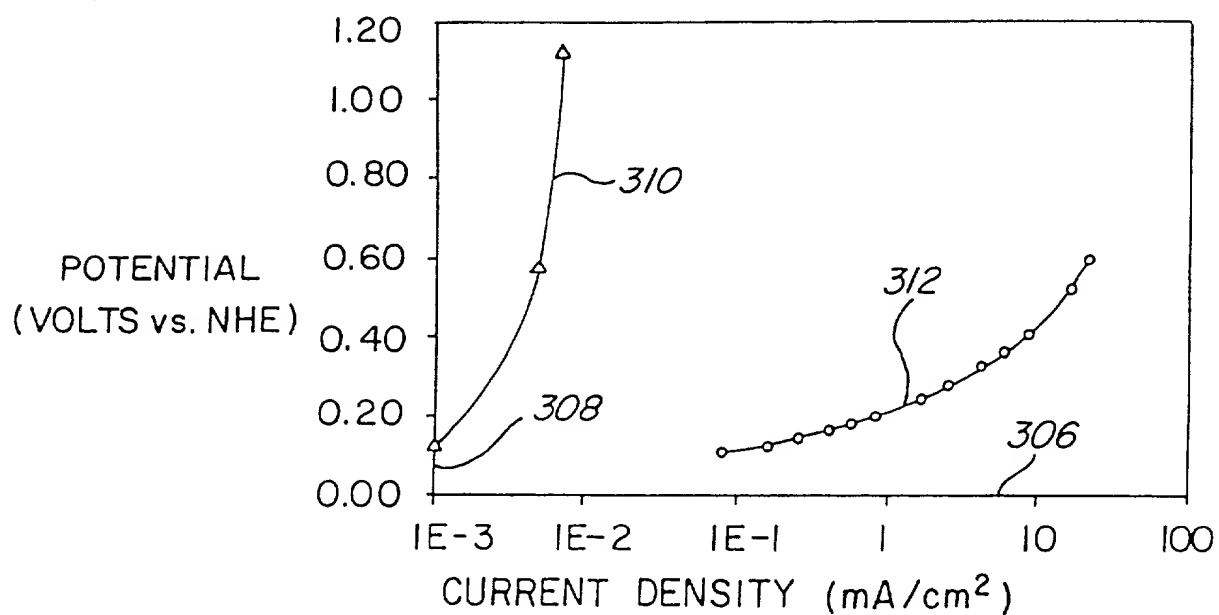


FIG. 8



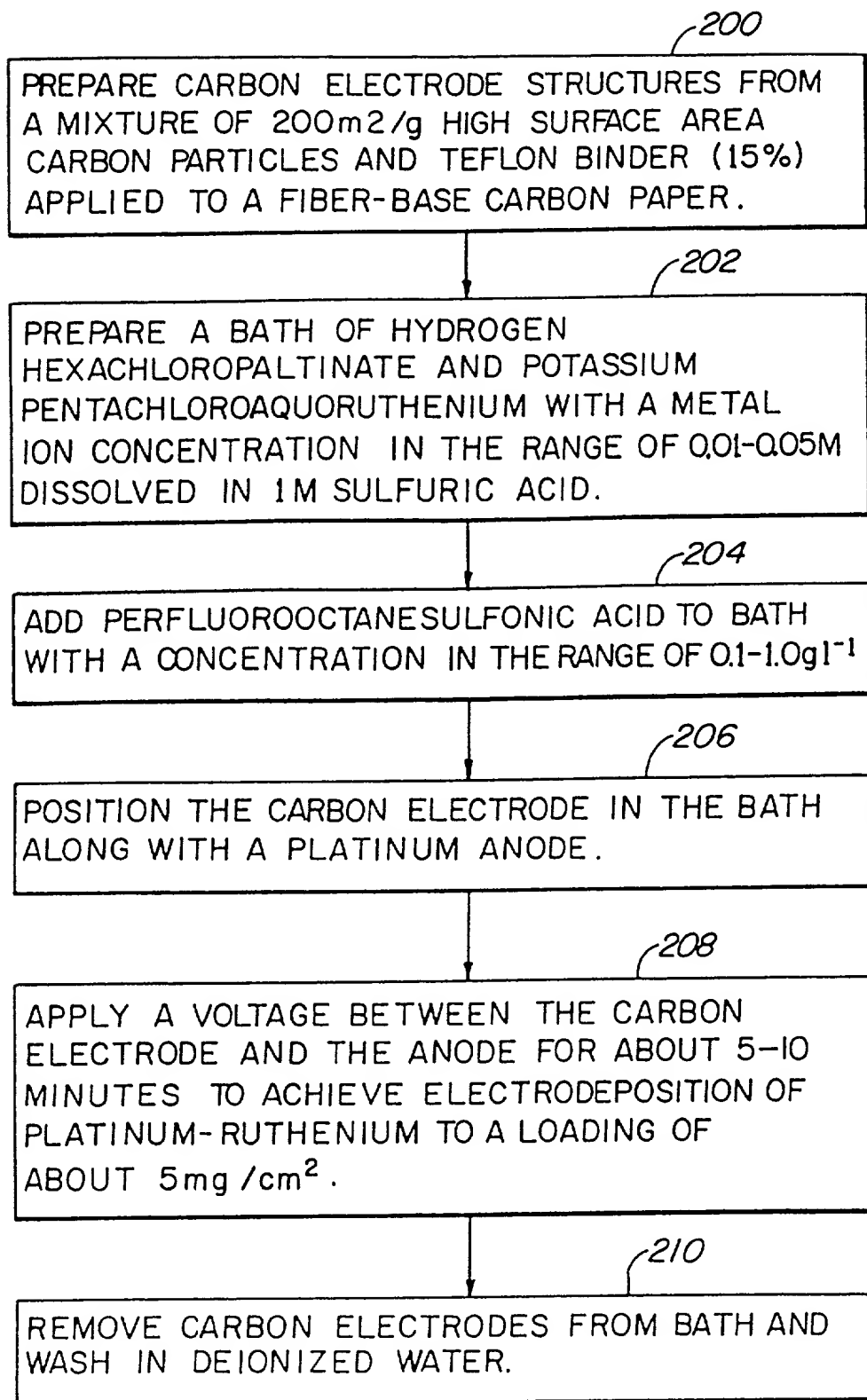
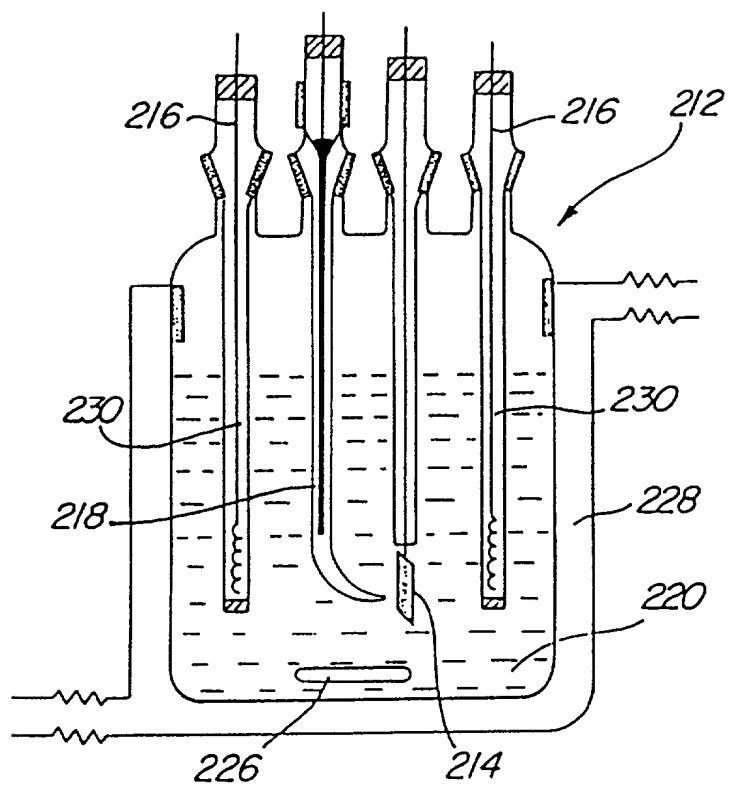


FIG. 9

FIG. 10





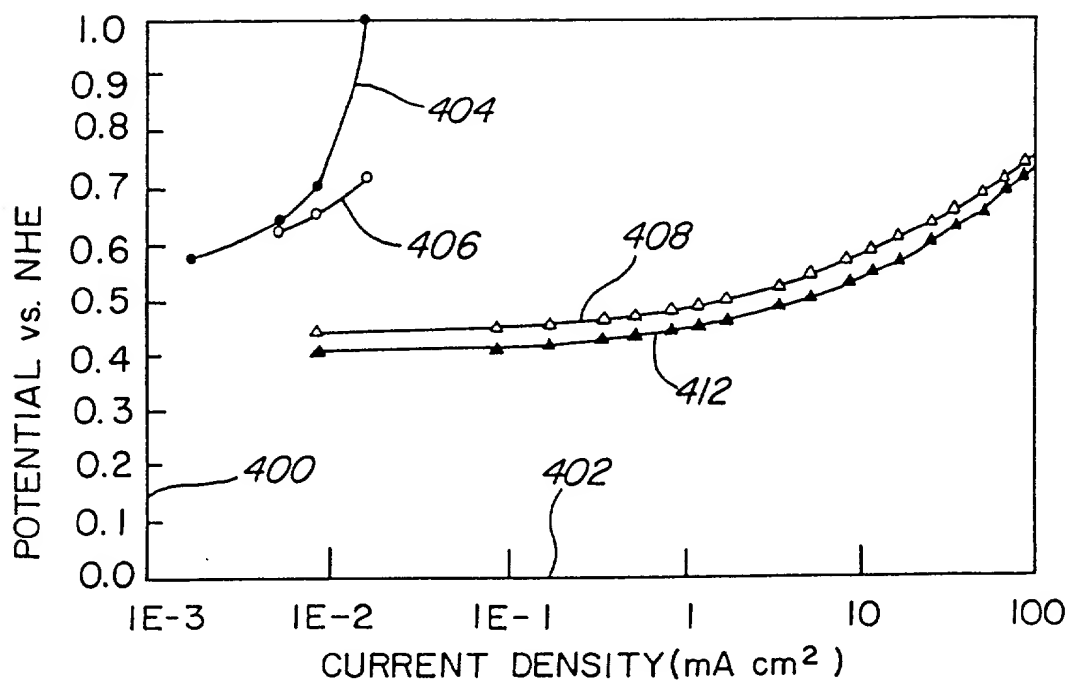


FIG. 12

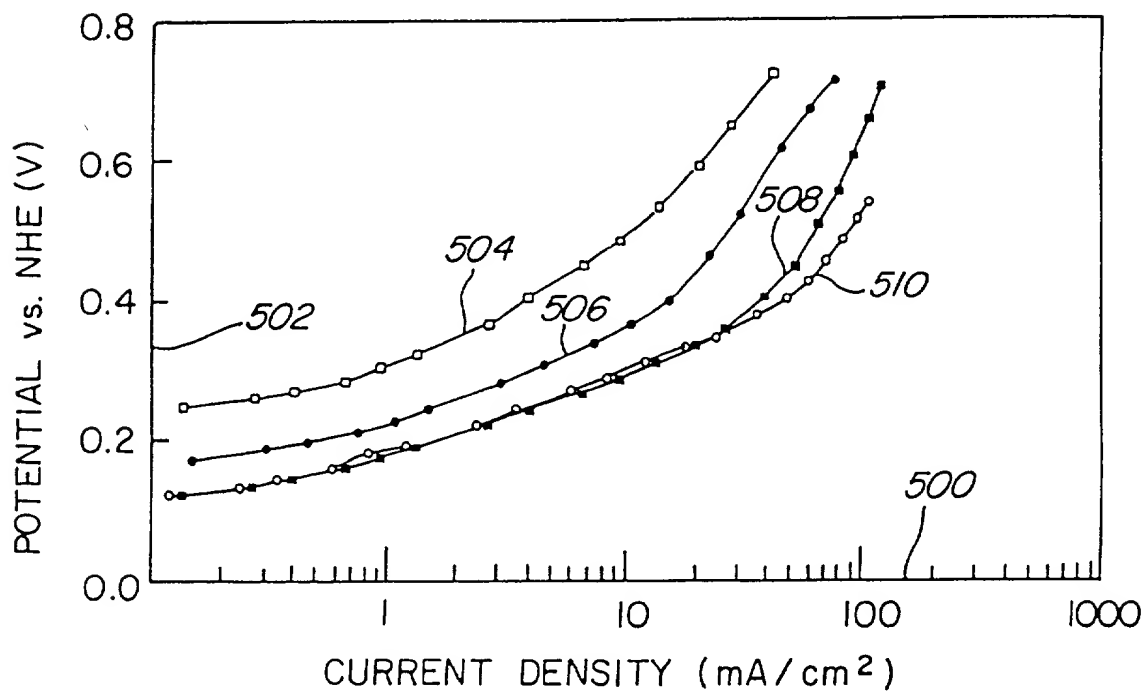


FIG. 13

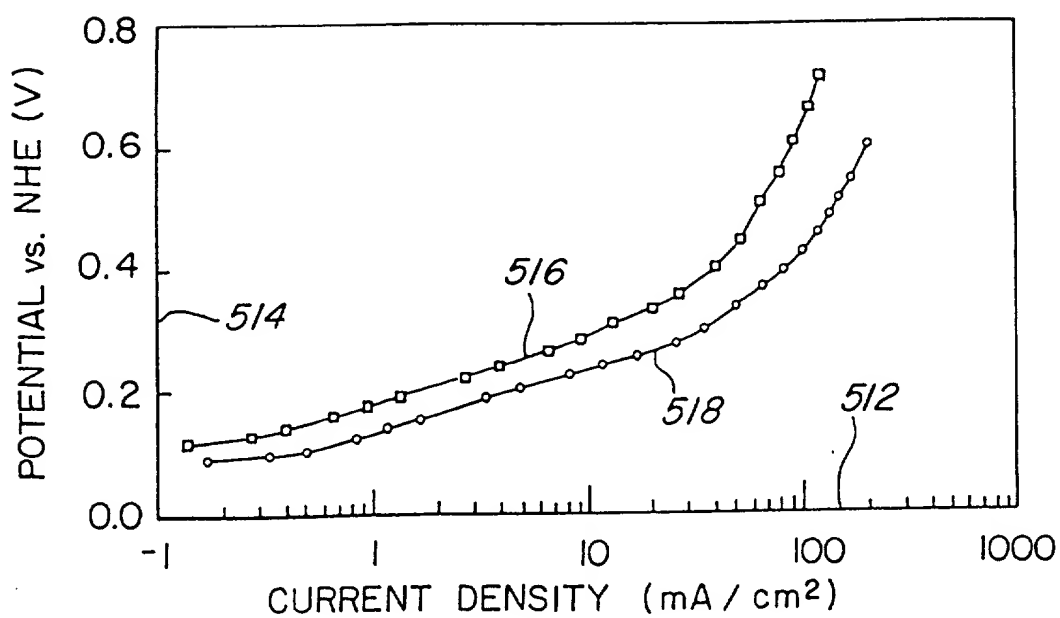


FIG. 14

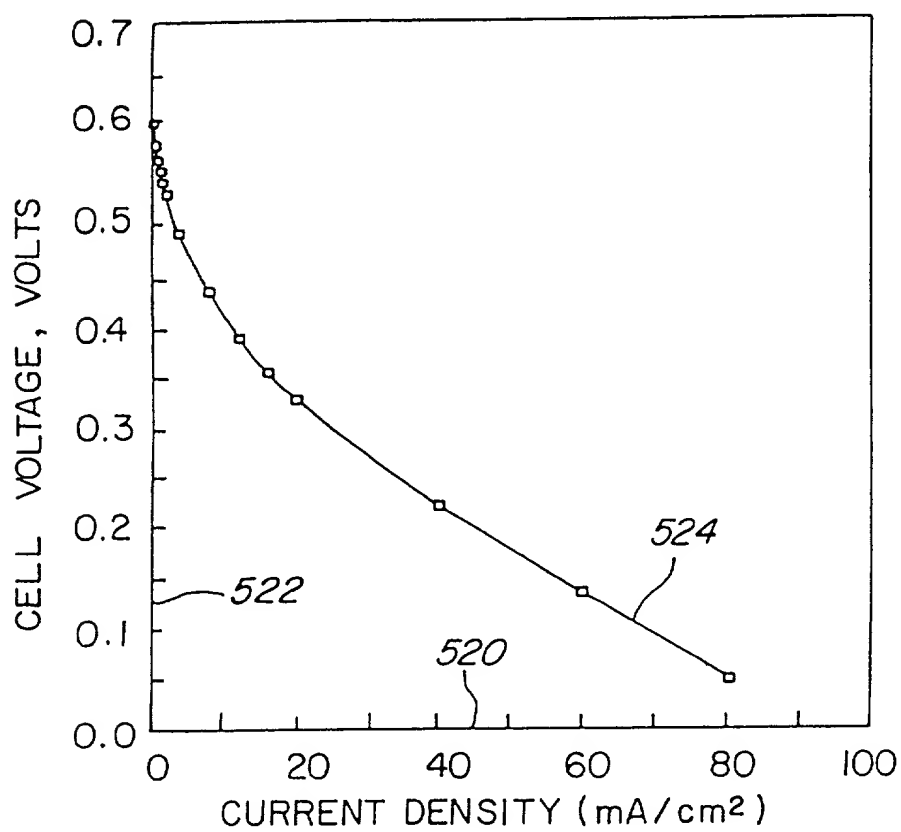


FIG. 15

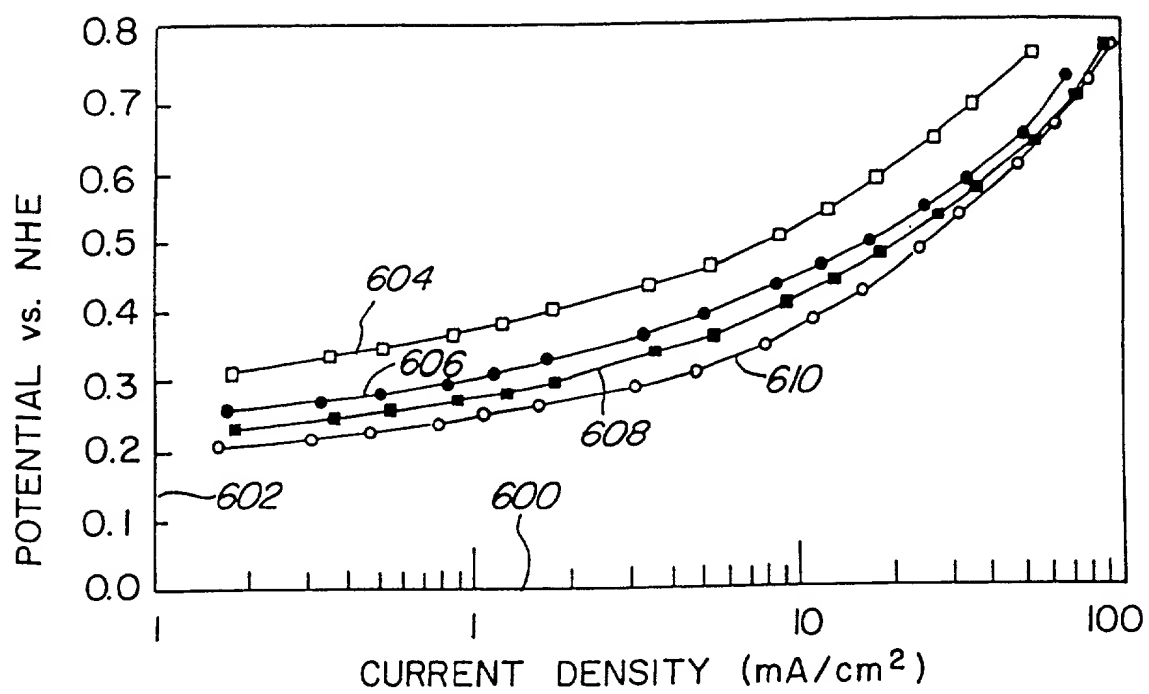


FIG. 16

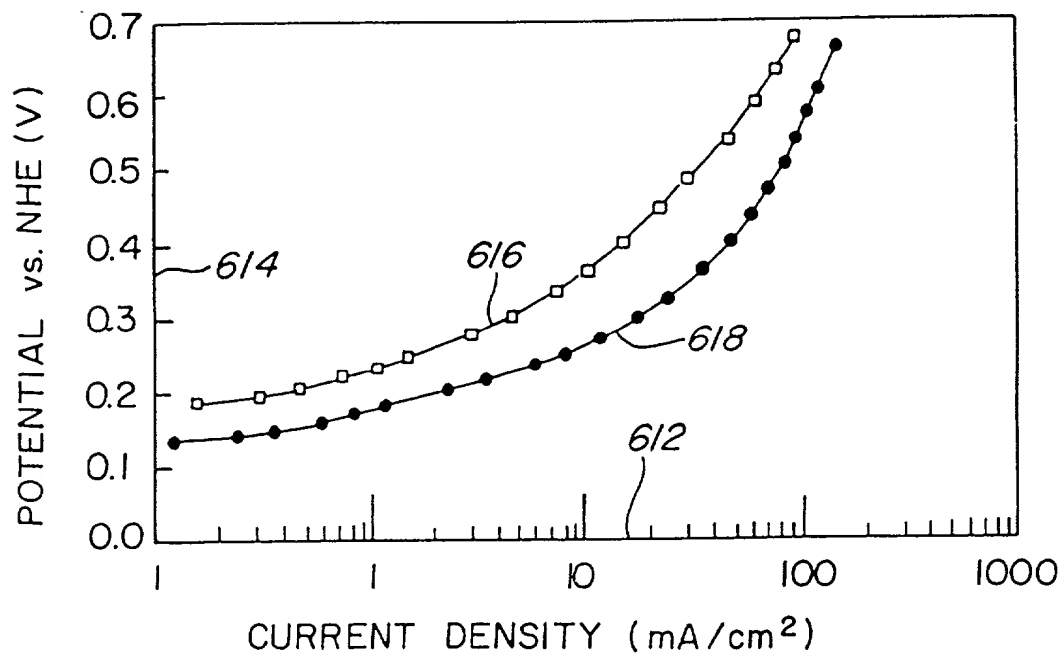


FIG. 17

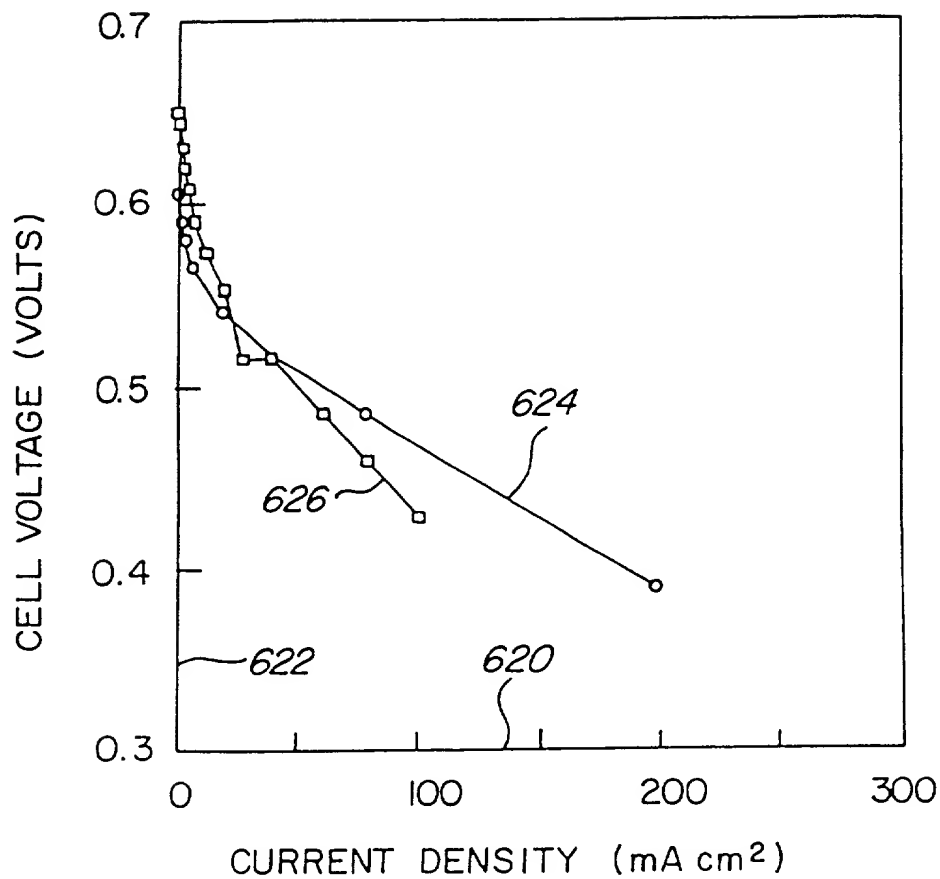


FIG. 18

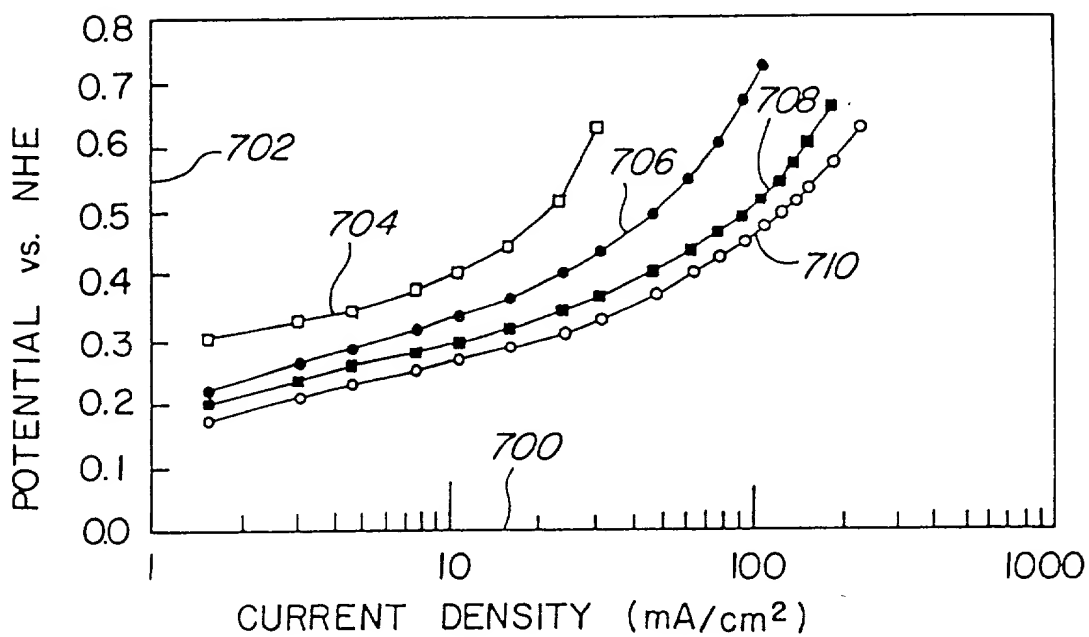


FIG. 19

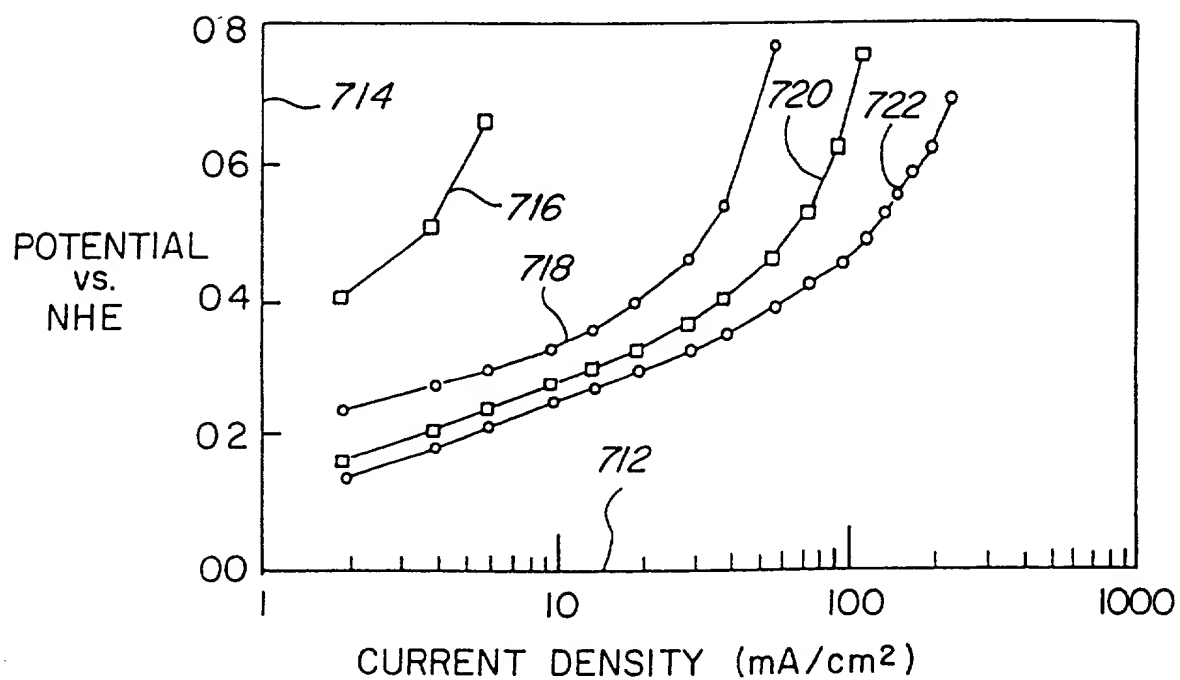


FIG. 20

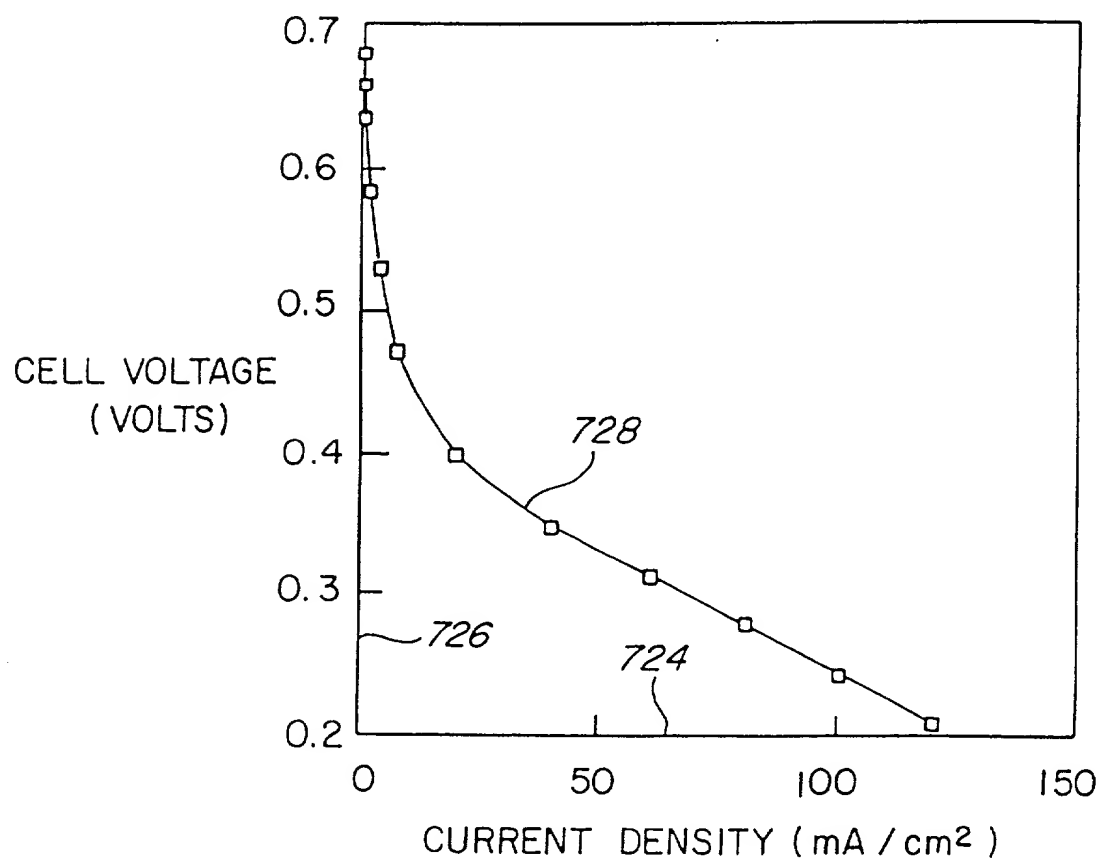


FIG. 21